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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:  
Arnegaard, et al.

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DOCKET NO: 14.0209-PCT-US

SERIAL NO: 10/532,647

GROUP ART UNIT: Unknown

FILED: 25 April 2005

EXAMINER: Unknown

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**TRANSMITTAL LETTER**

The following documents are enclosed in the matter of the above-referenced patent application:

- Information Disclosure Statement Form PTO 1449;
- Copies of required references from Form PTO-1449 (where applicable);
- Return Receipt Postcard.

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Respectfully submitted,

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/532,647
				Filing Date	25 April 2005
				First Named Inventor	Arnegaard
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet 1 of 1	Attorney Docket Number	14.0209-PCT-US			

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
	AA	3881166	A	GEOPHYSICAL SYSTEMS CORPORATION	04/29/1975	
	AB	5627798	A	I/O EXPLORATION PRODUCTS	05/06/1997	
	AC	6337636	B1	CIRRUS LOGIC, INC.	01/08/2002	
	AD	6459654	B1	INSTITUT FRANCAIS DU PETROLE	10/01/2002	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
	BA	EP	1004900	A2	INPUT/OUTPU T, INC.	05/31/2000		
	BB	G B	2087680	A	GEOSOURCE, INC.	05/26/1982		
	BC	G B	2272614	A	IRIS SYSTEMS INC.	05/18/1994		
	BD	W O	199807049	A	PETROLEUM GEO- SERVICES	02/19/1998		
	BE	W O	200151956	A1	GECO AS	07/19/2001		
	BF	W O	2003023448	A2	INPUT/OUTPU T, INC.	03/20/2003		
	BG	W O	2004034677	A2	INPUT/OUTPU T, INC.	04/22/2004		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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